

WHAT IS CLAIMED IS:

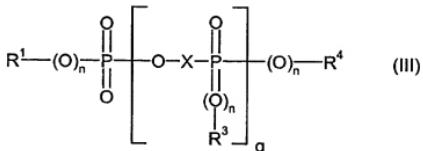
1. A thermoplastic molding composition comprising
 - 5 A) aromatic polycarbonate and/or polyester carbonate,
 - B) impact modifier
 - 10 C) optionally, thermoplastic homopolymer and/or copolymer,
 - D) a combination of
- 15 D.1 phosphorus compound and
- 20 D.2 phosphorus/oxygen compound different from D.1 or phosphorus/sulfur compound or the reaction product of D.1 and D.2.

25 2. The composition of Claim 1 wherein D is present in an amount of 0.1 to 30 parts by weight.

3. The composition of Claim 1 wherein D.2 is a phosphorus/oxygen compound.

4. The composition of Claim 1, wherein D.1 is at least one monomeric or oligomeric member selected from the group consisting of phosphoric acid ester, phosphonic acid ester, phosphonate amine and phosphazene.

5. The composition of Claim 1 wherein D.1 conforms to the general formula (III)



where

R^1 , R^2 , R^3 and R^4 independently of one another denote an optionally

10 halogenated C₁- to C₈-alkyl, or an optionally substituted by alkyl, and/or halogen C₅- to C₆-cycloalkyl, C₆- to C₂₀-aryl or C₇- to C₁₂-arylalkyl.

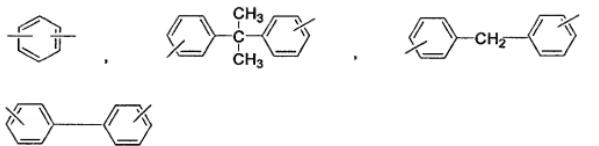
n is, independently of one another, 0 or 1.

15 q is 0 to 30 and

X is a mononuclear or polynuclear aromatic radical containing 6 to 30 carbon atoms, or a linear or branched aliphatic radical containing 2 to 30 carbon atoms, optionally OH-substituted and contain up to 8 ether bonds.

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6. The composition of Claim 5, wherein X in formula (III) stands
for



or their chlorinated or brominated derivatives.

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7. The composition of Claim 5 wherein component D.1 is at least one member selected from the group consisting of monophosphate, and oligophosphate .

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8. The composition of Claim 1 wherein D.1 is at least one member selected from among phosphonate amine conforming to formula (IV)

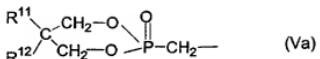
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$A_{3-y}NB^1_y$ (IV)

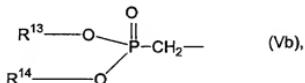
in which

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A stands for a radical of formula (Va)



or (Vb)



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R^{11} and R^{12} stand, independently of one another, for unsubstituted or substituted $\text{C}_1\text{-C}_{10}$ -alkyl or for unsubstituted or substituted $\text{C}_6\text{-C}_{10}$ -aryl,

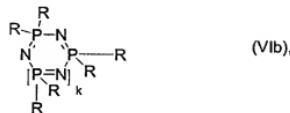
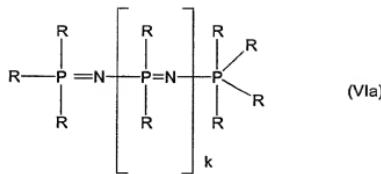
10 R^{13} and R^{14} stand, independently of one another, for unsubstituted or substituted $\text{C}_1\text{-C}_{10}$ -alkyl or unsubstituted or substituted $\text{C}_6\text{-C}_{10}$ -aryl or
 R^{13} and R^{14} together denote an unsubstituted or substituted heterocyclic ring of 3 to 10 carbon atoms, and

y is 0, 1 or 2 and

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B^1 stands independently for hydrogen, optionally halogenated $\text{C}_2\text{-C}_8$ -alkyl, unsubstituted or substituted $\text{C}_6\text{-C}_{10}$ -aryl

a phosphazene conforming to formulae (VIa) and (VIb)



wherein

- 5 R is in each case identical or different and stands for amino, in each case optionally halogenated, C₁- to C₈-alkyl or C₁- to C₈-alkoxy, in each case optionally substituted by alkyl, C₄-alkyl, and/or halogen-substituted C₅- to C₆-cycloalkyl, C₆- to C₂₀-aryl, C₆- to C₂₀-aryloxy, or C₇-C₁₂-aralkyl,
- 10 k is an integer of 0 to 15.

9. The composition of Claim 1 wherein D.2 is at least one member selected from the group consisting of phosphorus oxide, phosphorus sulfide, aluminum phosphate, alkaline-earth phosphate, alkali phosphate and ammonium phosphate.

10. The composition of Claim 9 wherein phosphorus oxide is phosphorous pentoxide.

11. The composition of Claim 1 further containing an anti-dripping agent.

12. The composition of Claim 1 wherein impact modifier is a graft
5 polymer of

B.1 5 to 95 wt % of at least one vinyl monomer on

B.2 95 to 5 wt % of one or more graft bases having glass-transition
10 temperatures lower than 10°C.

13. The composition of Claim 12 wherein B.1 contains
B.1.1. 50 to 99 parts by weight of at least one member selected from the
group consisting of vinyl aromatic, nucleus-substituted vinyl aromatics and
15 C₁-C₄-alkyl methacrylates, and

B.1.2 1 to 50 parts by weight of at least one member selected from the
group consisting of vinyl cyanide, C₁-C₈-alkyl methacrylate and a
derivative of unsaturated carboxylic acid.

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14. The composition of Claim 13 wherein B1.1 is at least one
member selected from the group consisting of styrene, α -methylstyrene
and methyl methacrylate and wherein B.1.2 is at least one member
selected from the group consisting of acrylonitrile, maleic anhydride and
25 methyl methacrylate.

15. The composition of Claim 14 wherein B.1.1 is styrene and
B.1.2 is acrylonitrile.

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16. The composition of Claim 12 wherein the graft base B.2 is at
least one member selected from the group consisting of diene rubber,

EP(D)M rubber, acrylate rubber, polyurethane rubber, silicon rubber, chloroprene rubber and ethylene/vinyl acetate rubber.

17. The composition of Claim 16, wherein diene rubber is a
5 copolymer of diene.

18. The composition of Claims 1 wherein said C is at least one member selected from the group consisting of thermoplastic vinyl (co)polymer and polyalkylene terephthalate.

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19. The composition of Claim 11 wherein the anti-dripping agent is fluorinated polyolefin.

20. A thermoplastic molding composition comprising

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A) 40 to 99 parts by weight of aromatic polycarbonate and/or polyester carbonate,

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B) 0.5 to 60 parts by weight of a graft polymer of

B.1) 5 to 95 wt. % relative to the weight of B of one or more vinyl monomers on

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B.2) 95 to 5 wt. % relative to the weight of B of one or more graft bases having a glass-transition temperature lower than 10°C,

C) 0 to 45 parts by weight of at least one thermoplastic polymer selected from the group consisting of vinyl (co)polymer and polyalkylene terephthalate,

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D) 0.1 to 30 parts by weight of a combination of

D.1) organic phosphorus compound and

D.2) a phosphorus/oxygen compound or phosphorus/sulfur compound
and

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E) 0 to 5 parts by weight of an anti-dripping agent,

wherein the sum of the parts by weight of the components A-E is 100.

10 21. A method of using the composition of Claim 1 comprising
producing molded articles.

22. A molded article comprising the composition of Claim 1.

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